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PATENT

Attorney Docket No.: 2003-IP-011866 U1 USA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Paul D. Ringgenberg
Serial No.: 10/790,908
Filed: March 2, 2004
Entitled: DISTRIBUTED TEMPERATURE
SENSING IN DEEP WATER SUBSEA
TREE COMPLETIONS
Group Art Unit: 2874

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As listed on the accompanying form PTO-SB-08, the Applicant hereby calls the examiner's attention to the following information of which he is aware, in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56. Copies of the listed references, other than U.S. patent documents, are enclosed with this Information Disclosure Statement.

U.S. Patents:

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 6,684,950 | 6,332,787 | 6,186,229 | 4,134,455 | 5,727,630 | 6,378,610 |
| 6,302,203 | 5,947,198 | 5,251,708 | 6,062,073 | 5,831,156 | 6,568,481 |
| 5,645,438 | 6,736,545 | 5,778,978 | 6,349,770 | 5,048,610 | |

Published U.S. Patent Applications:

2003/0192708 2002/0125008 2002/0014340

Other Documents:

Office Action for application number 10/680,053 dated June 11, 2004

U.S. Patent application Serial number 10/680,053 filed October 7, 2003

U.S. Patent application Serial number 10/828,085 filed April 20, 2004

U.S. Patent application Serial number 10/680,625 filed October 7, 2003

U.S. Patent application Serial number 10/680,440 filed October 7, 2003

The Expro Group brochure, "Tronic Fibre Optic Wellhead Feedthrough Connectors",
undated

Seacon brochure, "Fiber Optic Connectors", undated

Ocean Design, Inc. brochure, "NRH Connector", undated

Ocean Design, Inc. brochure, "Hybrid Wet-Mate", 2000

Ocean Design, Inc. brochure, "I-CONN; Wet-Mateable Optical Connector", 2000

Seacon Advanced Products data sheets, pgs. 22-1 through 22-20

This Information Disclosure Statement is being filed under the provisions of 37 CFR §1.97(b)(3), which provides for the timely filing of an Information Disclosure Statement before the mailing of a first Office Action on the merits. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Further, the filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

Written notification that the listed documents have been considered in their entirety, by return of a copy of the enclosed form completed by the examiner, is respectfully requested.

Respectfully submitted,

KONNEKER & SMITH, P.C.



Marlin R. Smith
Attorney for Applicants
Registration No. 38,310

Dated: July 30, 2004

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,

on JULY 30, 2004
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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|------------------------|-----------------------|
| Application Number | 10/790,908 |
| Filing Date | March 2, 2004 |
| First Named Inventor | Paul D. Ringgenberg |
| Group Art Unit | 2874 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 2003-IP-011866 U1 USA |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| | | 6,684,950 | | Patel | 02-03-2004 | |
| | | 6,332,787 | | Barlow, et al. | 12-25-2001 | |
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| | | 5,048,610 | | Ross, et al. | 09-17-1991 | |
| | | 2003/0192708 | | Koehler, et al. | 10-16-2003 | |
| | | 2002/0125008 | | Wetzel, et al. | 09-12-2002 | |
| | | 2002/0014340 | | Johnson | 02-07-2002 | |

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet

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| First Named Inventor | Paul D. Ringgenberg |
| Group Art Unit | 2874 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 2003-IP-011866 U1 USA |

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------------------|-----------------------|---|----------------|
| | | Office Action for Serial number 10/680,053 dated June 11, 2004 | |
| | | U.S. Patent application Serial number 10/680,053 filed October 7, 2003 | |
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| | | The Expro Group brochure, "Tronic Fibre Optic Wellhead Feedthrough Connectors", undated | |
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